

FIG.1

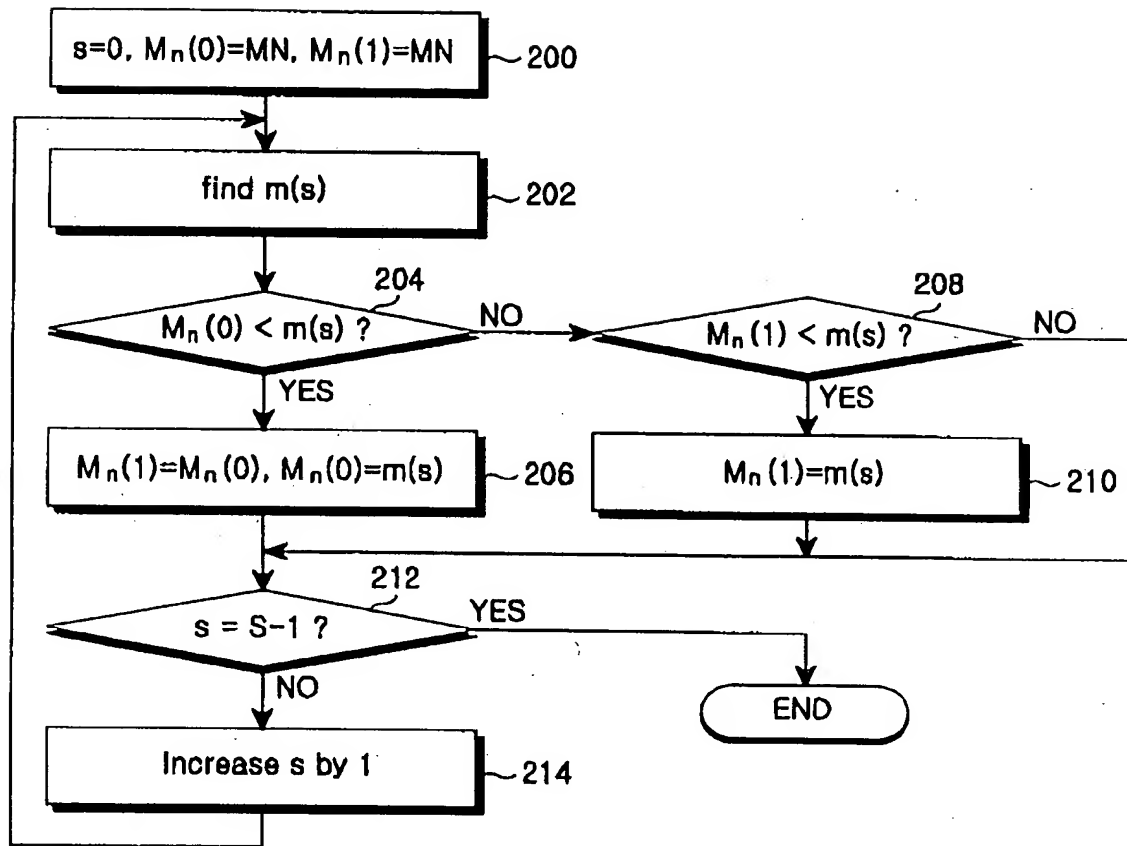


FIG. 2

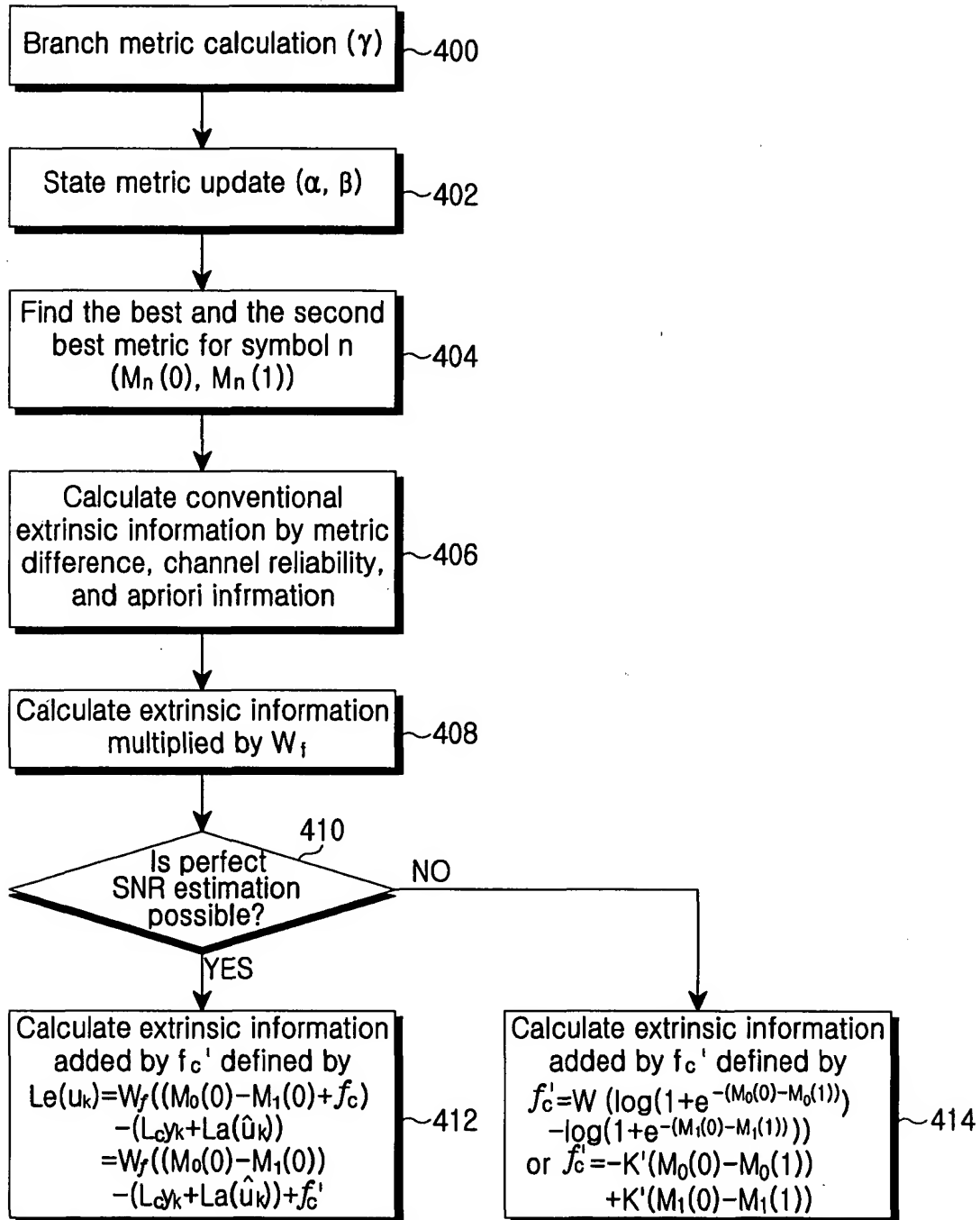


FIG.3

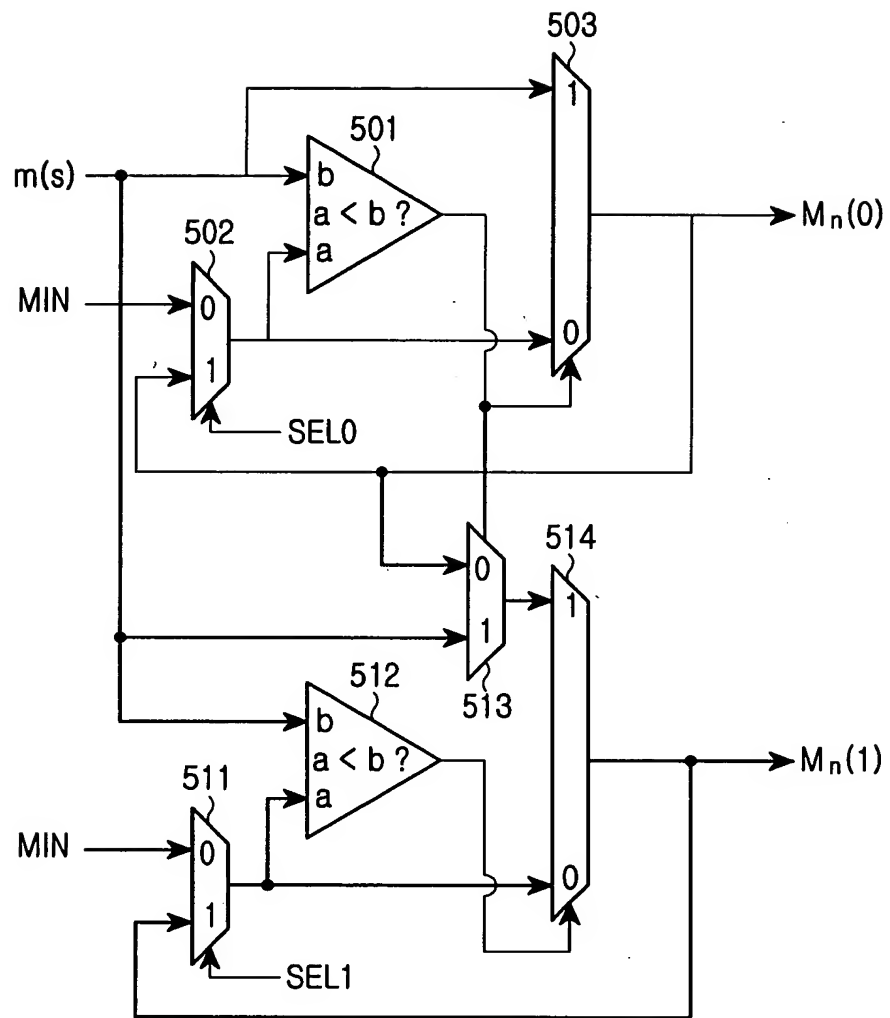


FIG. 4

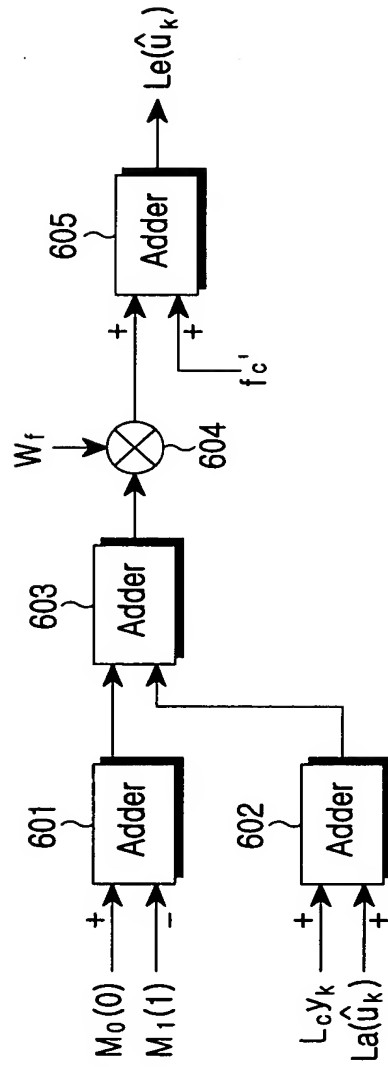


FIG.5

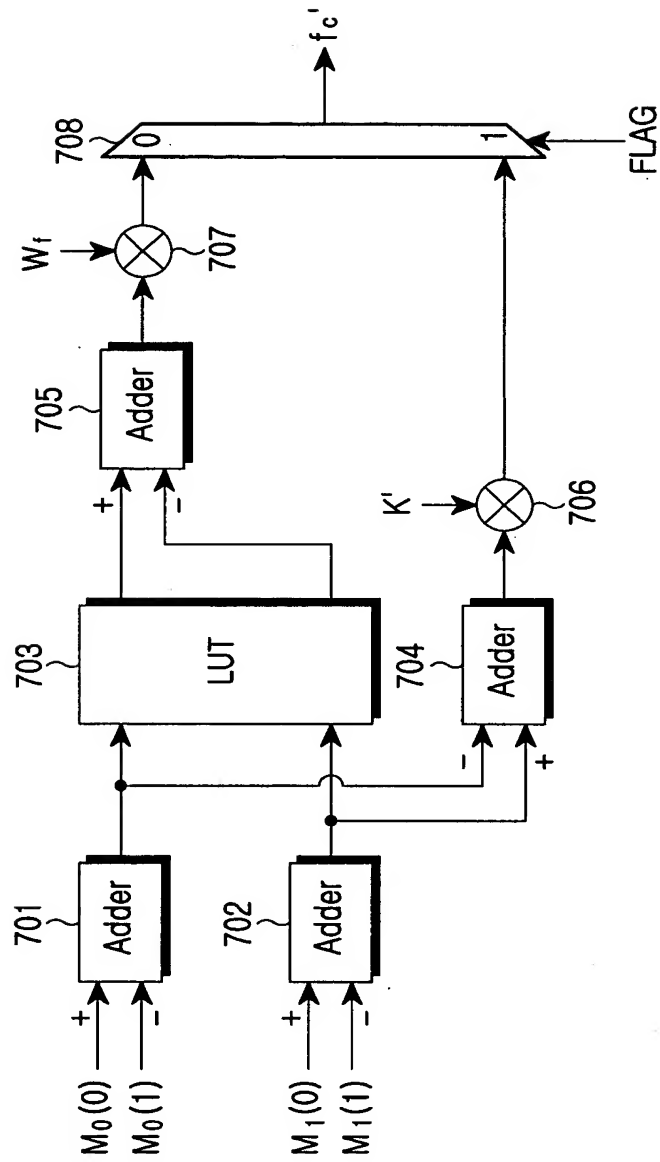
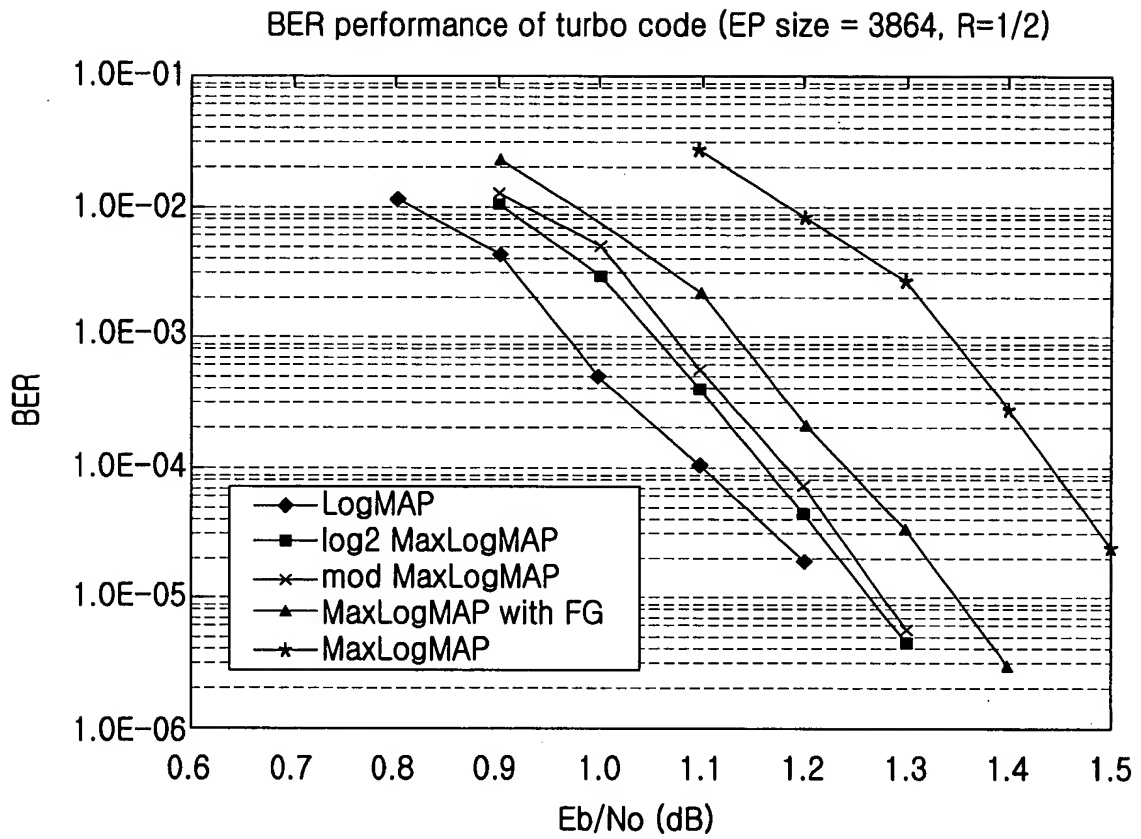
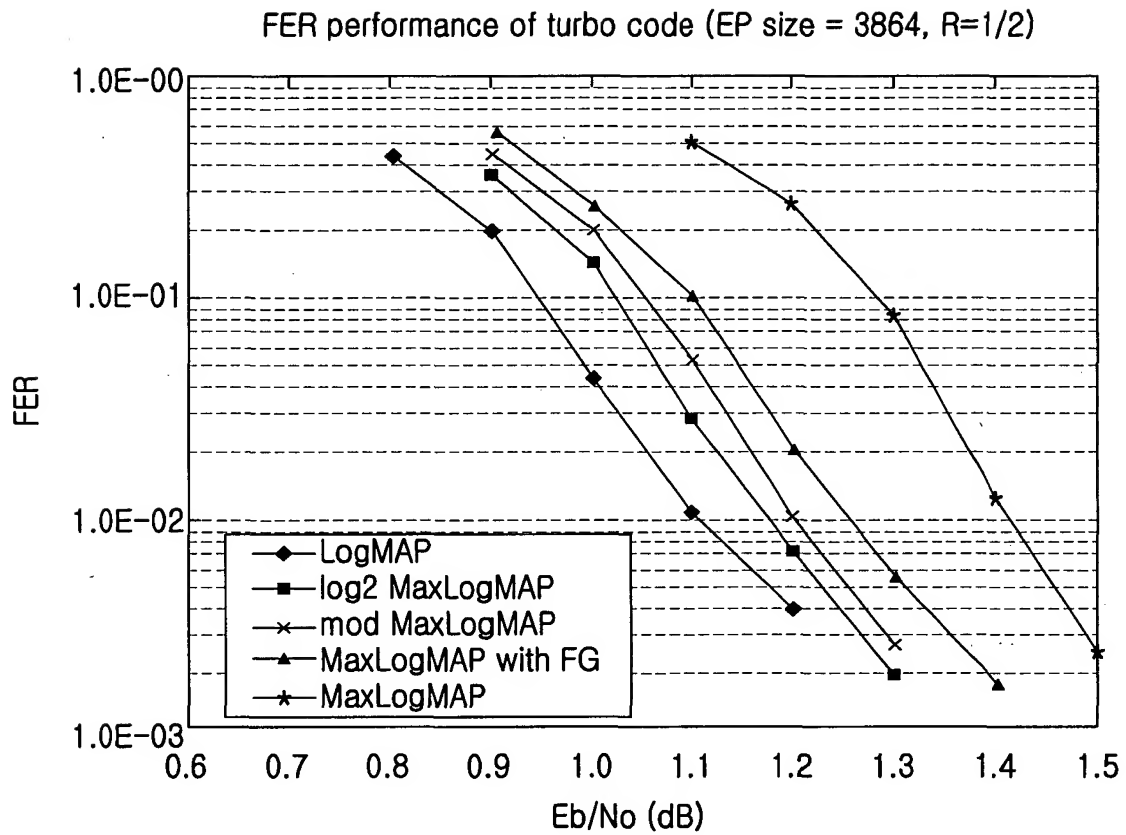


FIG. 6



BER performance of turbo code (EP size = 3864, R=1/2)

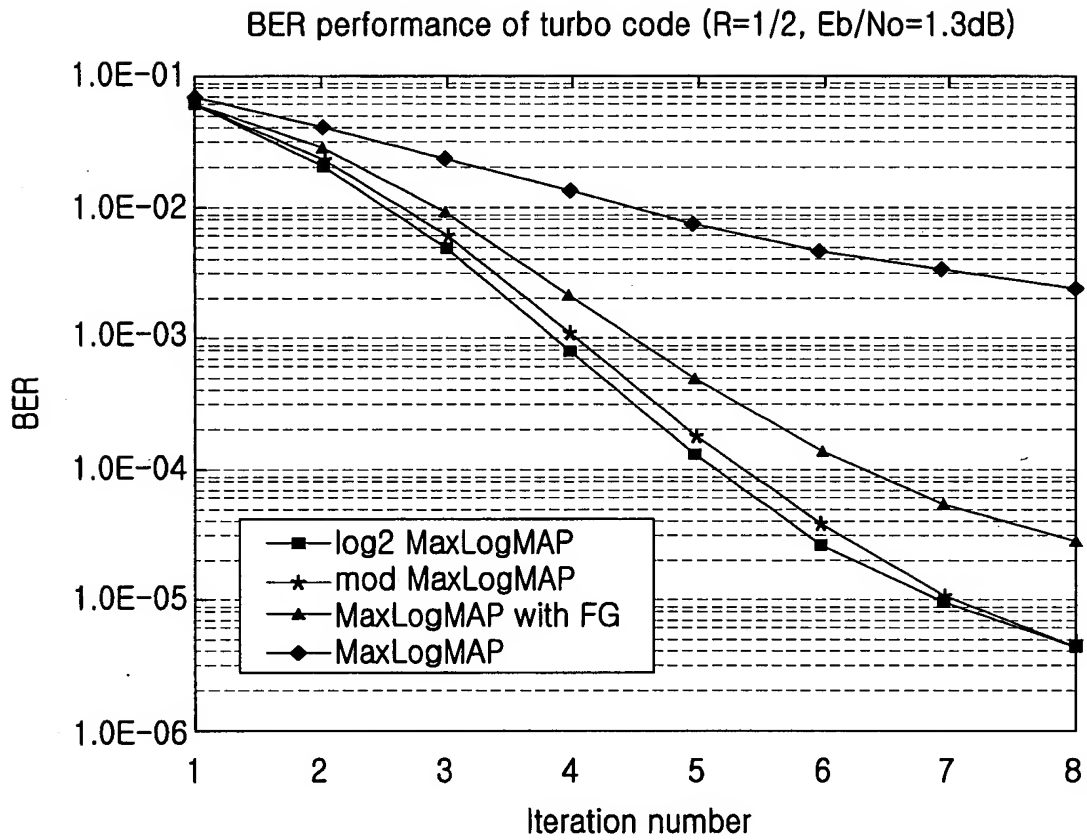
FIG.7



FER performance of turbo code (EP size = 3864, R=1/2).

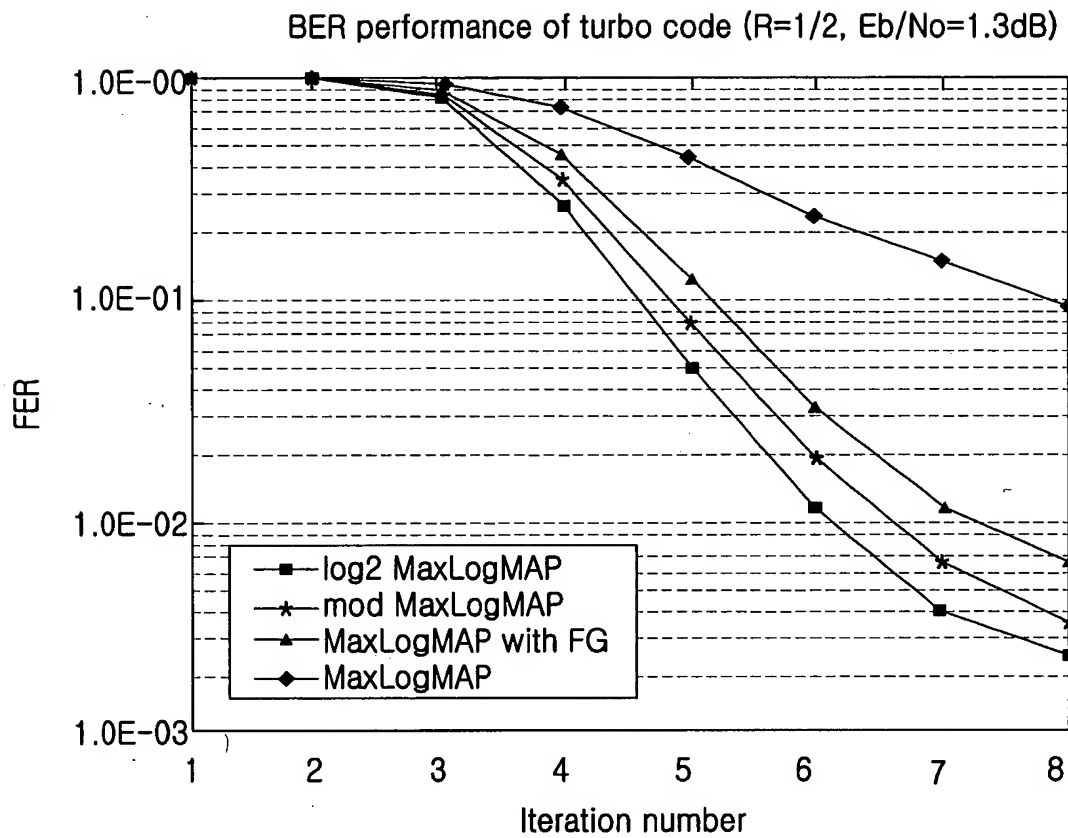
FIG.8





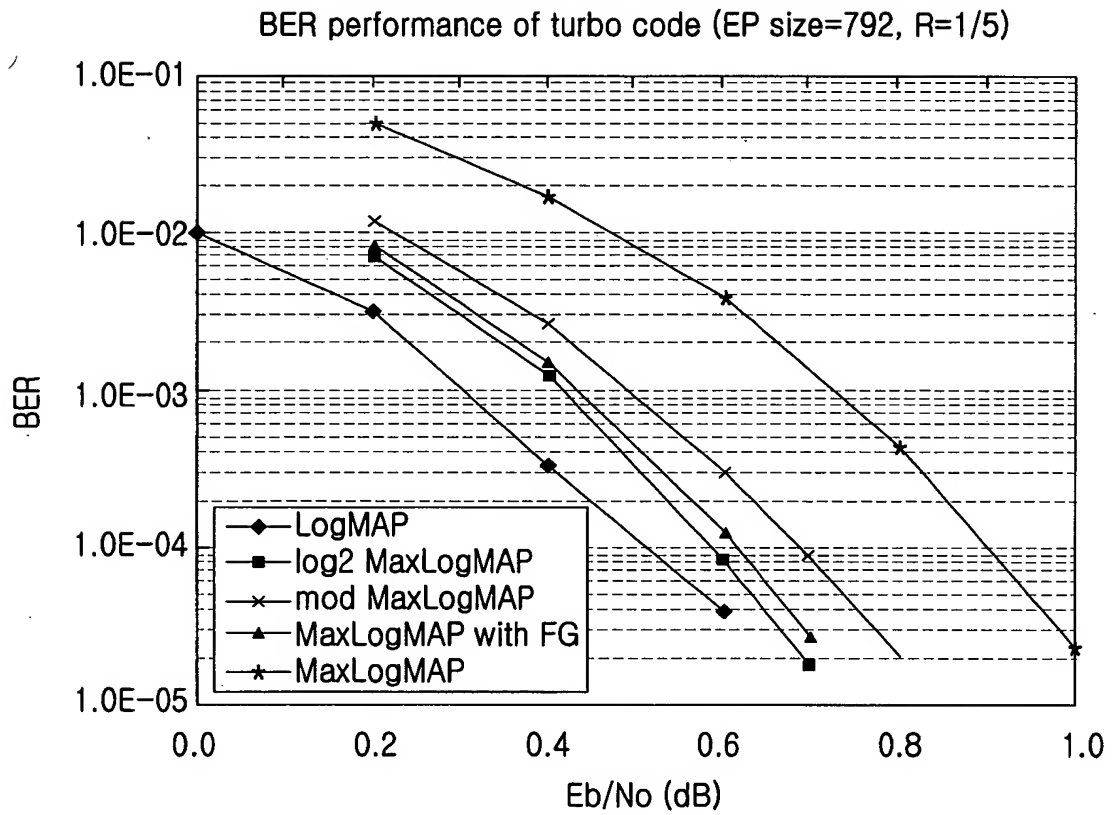
BER performance of turbo code over iterations  
(EP size = 3864,  $R=1/2$ ,  $E_b/n_0=1.3\text{dB}$ )

FIG.9



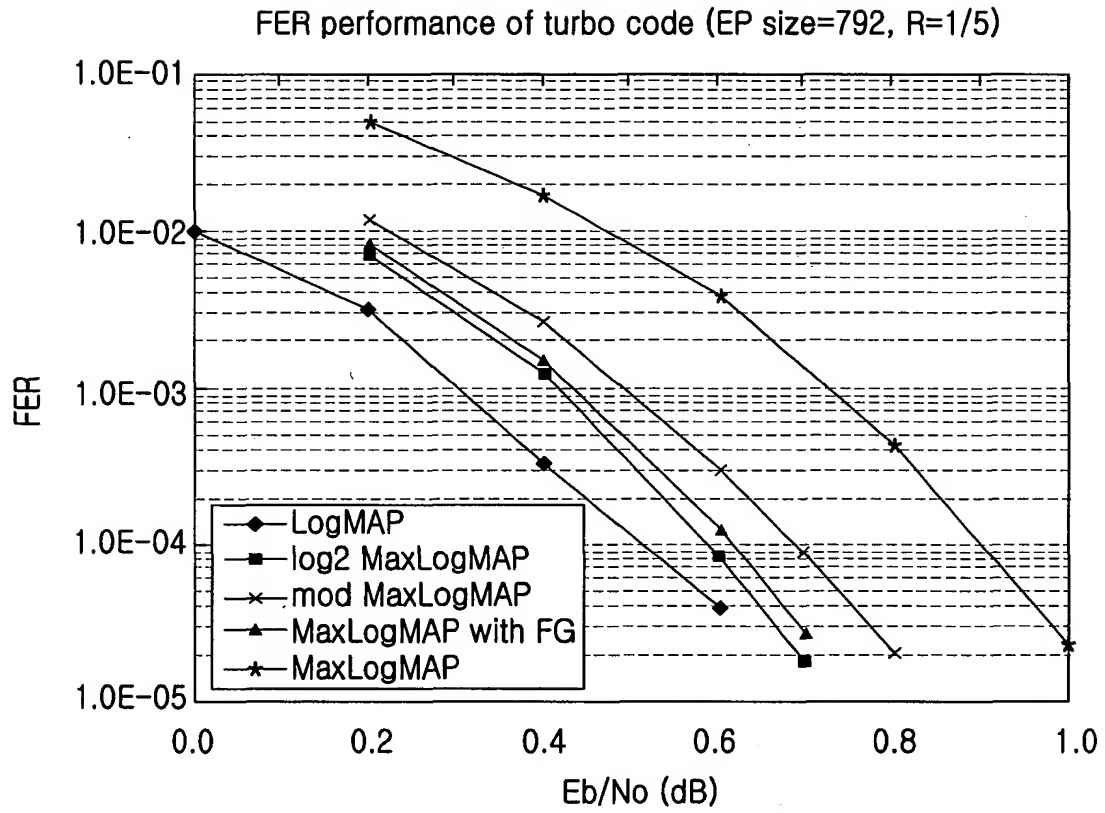
BER performance of turbo code over iterations  
(EP size = 3864,  $R=1/2$ ,  $E_b/N_0=1.3\text{dB}$ )

FIG.10



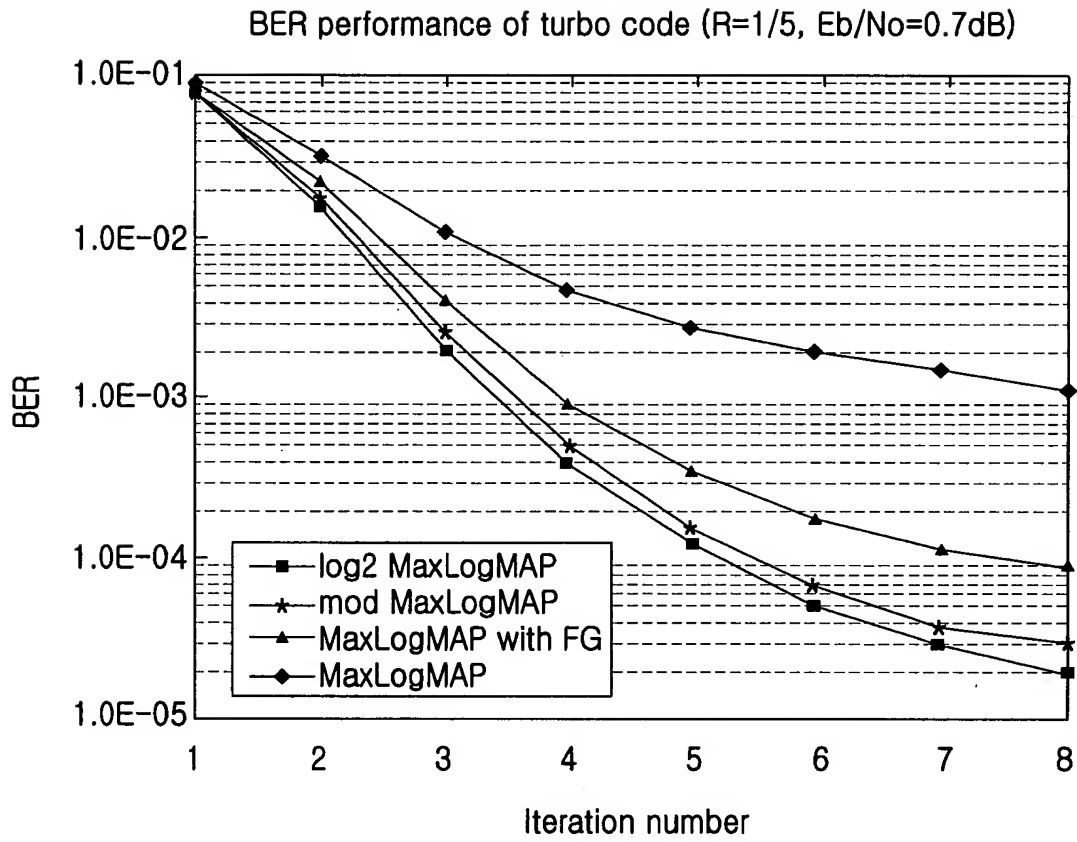
BER performance of turbo code (EP size=792, R=1/5)

FIG.11



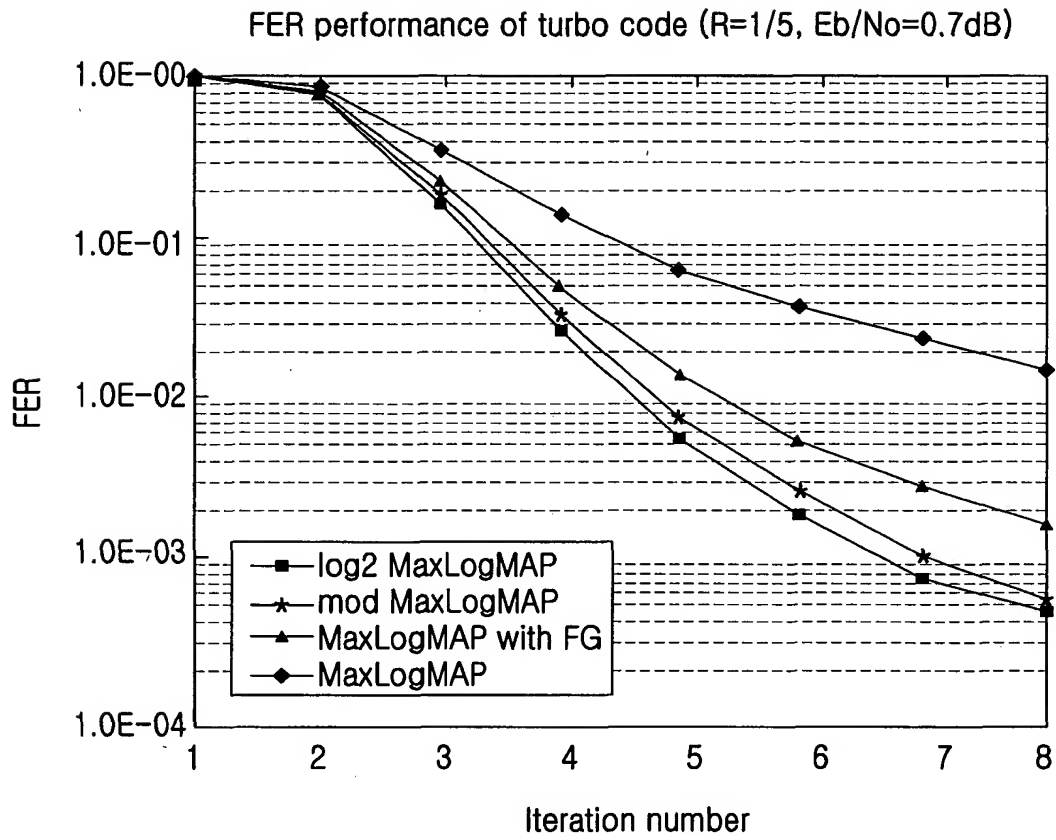
BER performance of turbo code (EP size=792, R=1/5)

FIG.12



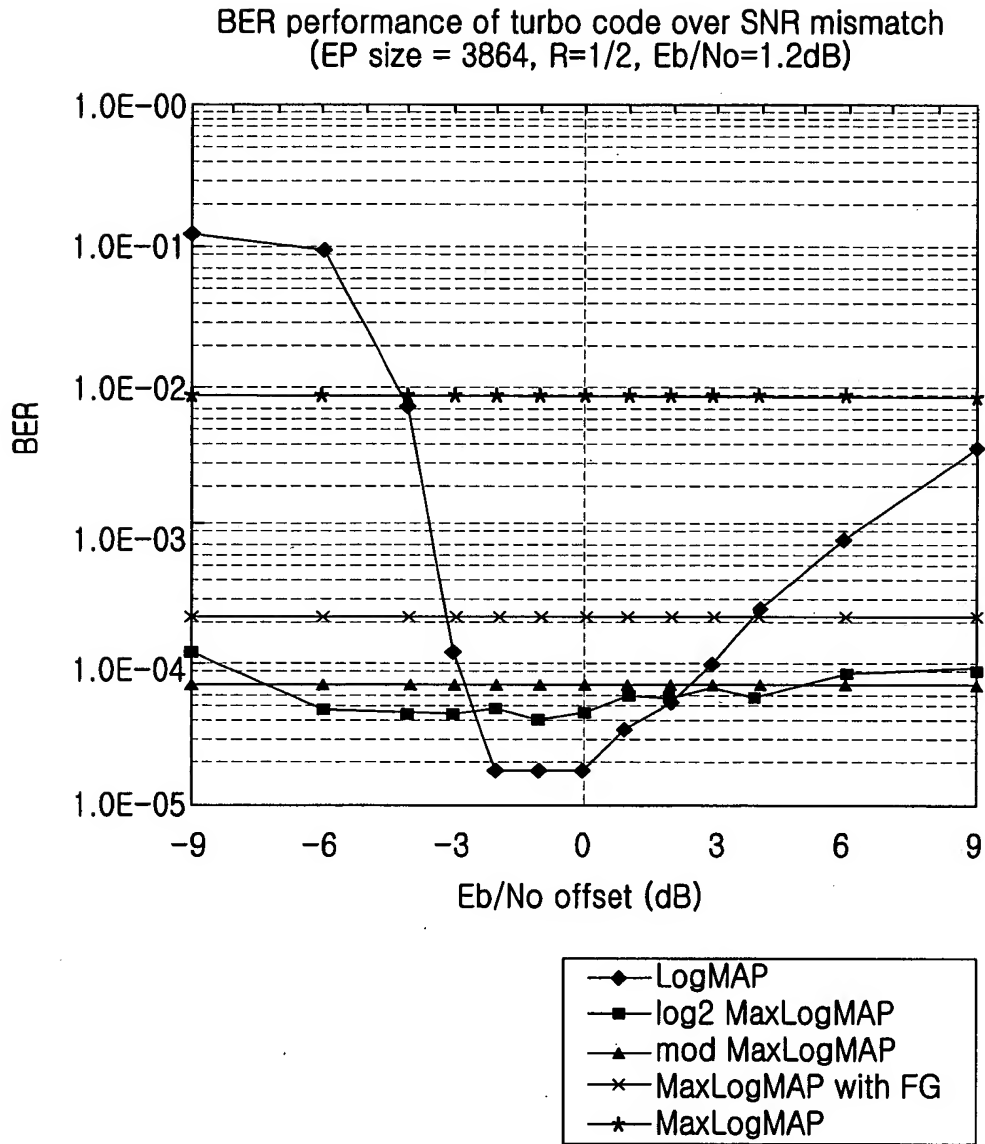
BER performance of turbo code over iterations  
(EP size = 792,  $R=1/5$ ,  $E_b/n_0=0.7\text{dB}$ )

FIG.13



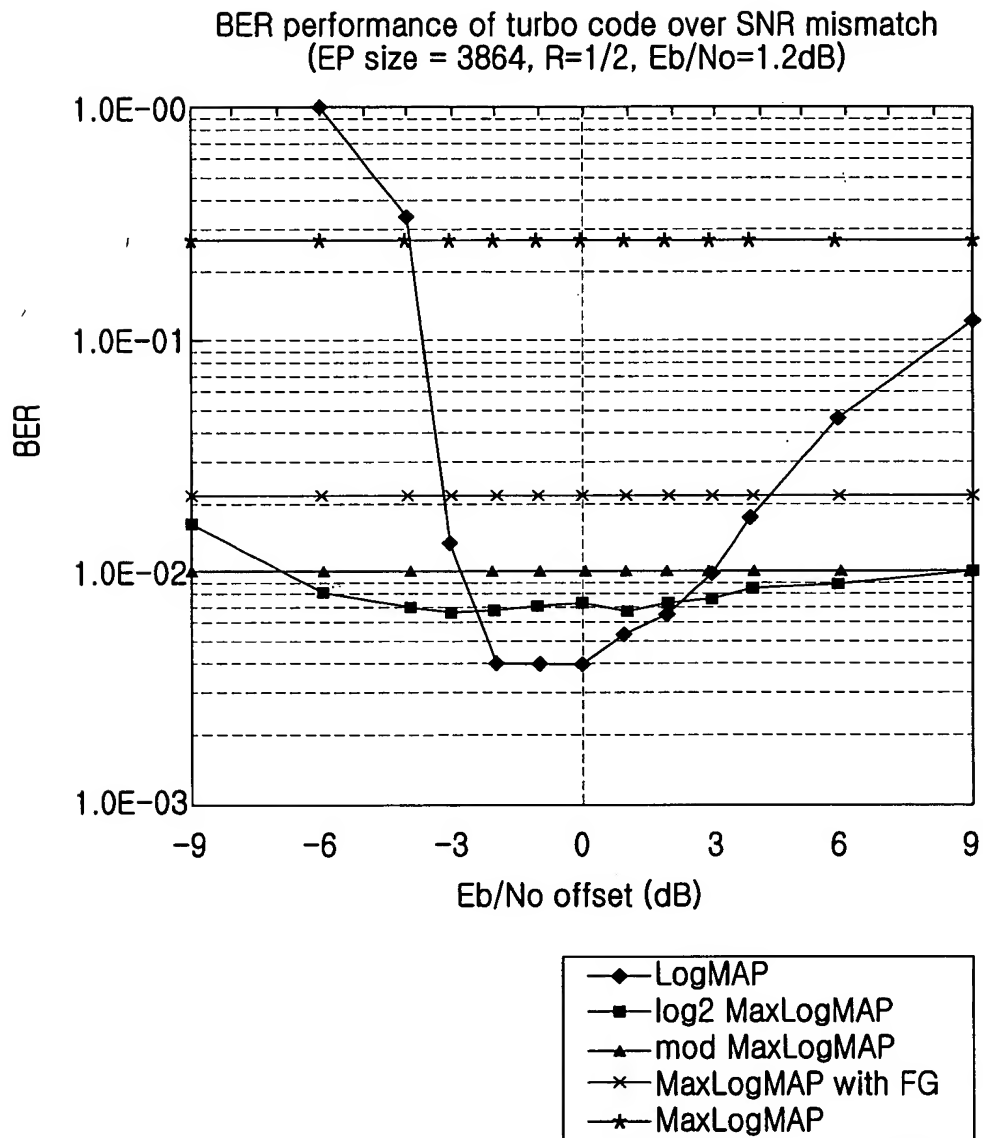
BER performance of turbo code over iterations  
(EP size = 792,  $R=1/5$ ,  $E_b/N_0=0.7\text{dB}$ )

FIG.14



BER performance of turbo code over  $E_b/N_o$  offset  
(EP size = 3864,  $E_b/N_o=1.2\text{dB}$ )

FIG.15



BER performance of turbo code over  $E_b/N_0$  offset  
(EP size = 3864,  $E_b/N_0=1.2\text{dB}$ )

FIG.16